## Smoke control damper actuator, 30 Nm

# SF30

### Description

Damper actuator serie SF30 to operate and position air dampers in HVAC systems.

- For air dampers up to approx. 4 $m^2$
- Nominal voltage 24 V AC/DC and 100...240 V AC
- Control: 2 and 3-point
- Caracteristics: shaft dimensions standard ☐12/12 mm square, minimum shaft length 90 mm, anti-rotation bracket provided for stability, selectable direction of rotation, 2 not adjustable SPDT auxiliary switches, 1 m cable connection.

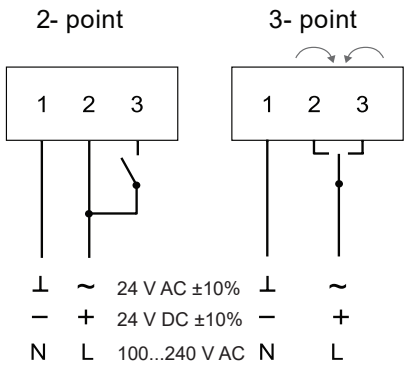


### Technical features

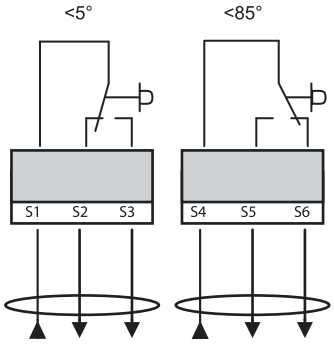
| Actuator model | | SF30A | SF30B |
|---|---|---|---|
| Damper area | $m^2$ | 4 | |
| Nominal torque | Nm | 30 | |
| Power supply | V | 24 AC/DC | 100...240 AC |
| Frequency | Hz | 50/60 | |
| Power consumption | | | |
| - in operation | W | 7 | 8 |
| - at rest | W | 2.0 | 2.5 |
| - for wire sizing | VA | 8.0 | |
| Running time | s | 115 | |
| Sound power level | db (A) | <45 | |
| Control signal | | 2 and 3 point | |
| Auxiliary switch rating | | 3 (1,5) A, AC 230 V | |
| Life cycle | cycles | 60.000 | |
| Rotation angle | | | |
| - operating | | 90° (95° mechanical) | |
| - limitation | | 5-85° (steps of 5°) | |
| Protection class | | III | II |
| Protection degree | | IP54 | |
| Working temperature °C | | -20...+50° C | |
| Working humidity RH | | 5...95% RH, non-condensating | |
| Storage temperature | | -30...+80° C | |
| Maintenance | | free | |
| Weight | g | <2200 | |
| Standards | | CE-conformity, RoHs | |

## Electrical wirings

Wiring diagram

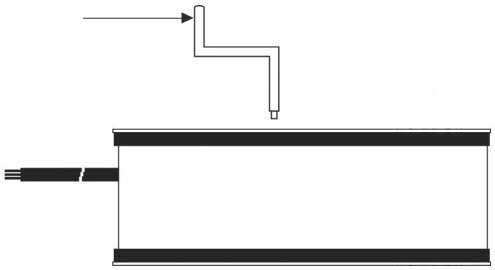



Auxiliary switches




## Setting

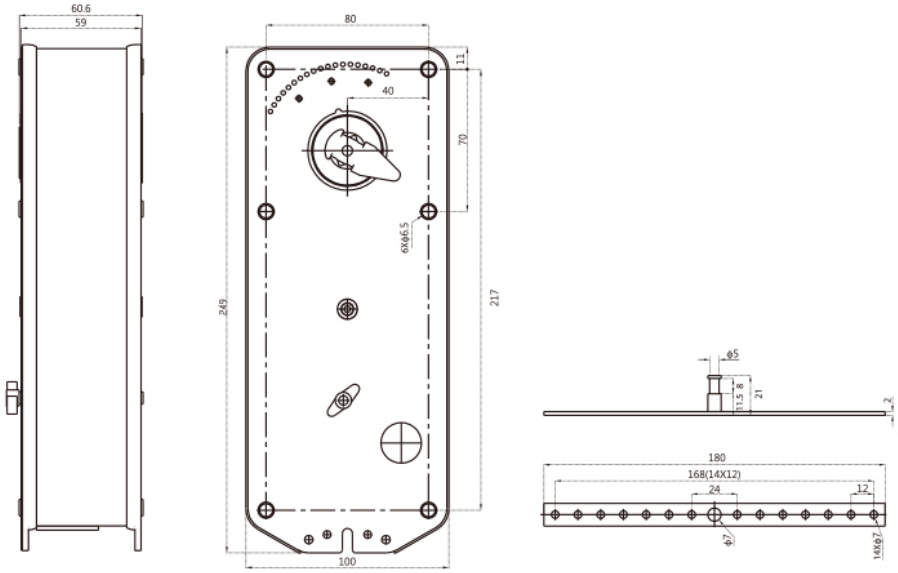
Manual override





Use the dedicated key supplied for manual lock-unlock operation. Do not use a screwdriver.

## Dimensions (mm)




The contents are subject to revision or change without notice.